

**FLD 2013-14**

## FLD No. 01

<b>Title of the techno. demonstrated</b>	Production technology of maize
<b>Season &amp; Year</b>	Kharif 2013
<b>Problem</b>	Poor nutrient management, infestation of weeds
<b>Farmer's Practice</b>	64:40:00 NPK kg/ha, no use of weedicide
<b>Thematic area</b>	Integrated Crop Management
<b>Details of technology</b>	Hybrid variety Maize 4640/NK30, fertilizer 120:60:40,kg NPK/ha Spacing 60x30cm and atrazine @0.75Kg a.i./ha
<b>Crop / Variety</b>	Hybrid Maize
<b>Source of Technology (Year)</b>	IGKV, Raipur
<b>Performance indicator</b>	Yield, B:C ratio

## FLD No. 02

<b>Title of the techno. demonstrated</b>	Production technology of Rice
<b>Season &amp; Year</b>	Kharif 2013
<b>Problem</b>	Poor nutrient management, use of old released variety
<b>Farmer's Practice</b>	Use of rice variety IR64 and Fertilizer 60:40:00 NPK kg/ha
<b>Thematic area</b>	Integrated Crop Management
<b>Details of technology</b>	Variety MTU 1010, Fertilizer 100:60:40, planting 20x10cm
<b>Crop / Variety</b>	Rice Variety MTU 1010
<b>Source of Technology (Year)</b>	IGKV, Raipur
<b>Performance indicator</b>	Yield, B:C ratio

## FLD No. 03

<b>Title of the techno. demonstrated</b>	Demonstration on application of biofertilizer & Zinc in maize
<b>Season &amp; Year</b>	Kharif- 2013
<b>Problem</b>	Low yield due to imbalanced fertilizer application
<b>Farmer's Practice</b>	No application of biofertilizer and micro-nutrient
<b>Thematic area</b>	Nutrient management
<b>Details of technology</b>	Application of <i>Azotobacter</i> and <i>PSB</i> @ 2Kg/ha at the time of planting & spraying of ZnSO <sub>4</sub> @ 0.5% twice at 30 & 60 DAS
<b>Crop / Variety</b>	Hybrid variety
<b>Source of Technology (Year)</b>	IGKV Raipur.
<b>Performance indicator</b>	Yield, B:C ratio

## FLD No. 04

<b>Title of the techno. demonstrated</b>	Production Technology of Sesamum
<b>Season &amp; Year</b>	Kharif- 2013
<b>Problem</b>	Improved variety is not available and poor nutrient management
<b>Farmer's Practice</b>	Improved variety is not available and poor nutrient management
<b>Thematic area</b>	Nutrient management
<b>Details of technology</b>	Sesamum TKG-306, Fertilizer @ 30:30:20 NPK kg/ha
<b>Crop / Variety</b>	Sesamum TKG-306
<b>Source of Technology (Year)</b>	IGKV Raipur.
<b>Performance indicator</b>	Yield, B:C ratio

## FLD No. 05

<b>Title of the techno. demonstrated</b>	Performance of Zinc application on Wheat
<b>Season &amp; Year</b>	Rabi- 2013
<b>Problem</b>	Low yield due to poor nutrient management
<b>Farmer's Practice</b>	No application of micro-nutrient
<b>Thematic area</b>	Nutrient management
<b>Details of technology</b>	Foliar application of 0.5 % Zinc Sulphate twice after 15 days after transplanting and at flowering initiation stage.
<b>Crop / Variety</b>	Wheat GW273
<b>Source of Technology (Year)</b>	IGKV Raipur.
<b>Performance indicator</b>	Yield, B:C ratio

## FLD No. 06

<b>Title of the techno. demonstrated</b>	Demonstration on mushroom production
<b>Season &amp; Year</b>	2013-14
<b>Problem</b>	Low income of farm women in tribal areas
<b>Farmer's Practice</b>	Local variety
<b>Thematic area</b>	Mushroom Production
<b>Details of technology</b>	Appropriate technology and production practices will be demonstrated(1unit/10bags) in each farm women
<b>Crop / Variety</b>	Indria Shewata
<b>Source of Technology (Year)</b>	IGKV Raipur.
<b>Performance indicator</b>	Yield, B:C ratio

## FLD No. 07

<b>Title of the techno. demonstrated</b>	Demonstration on nutritional garden
<b>Season &amp; Year</b>	2013-14
<b>Problem</b>	Nutritional insecurity of farm women due to unavailability of functional fruits and vegetables at household level.
<b>Farmer's Practice</b>	Unplanned badi ( Backyard space)
<b>Thematic area</b>	Women in Agriculture
<b>Details of technology</b>	Major seasonal vegetables I.e. tomato, brinjal, chilli, leafy vegetables, Cucurbits and fruits like papaya, banana ,litchi ,Mango ,Lemon , Guava and drumstick will be grown at homestead (badi) by farm women so that year round vegetables and fruits may be available for home consumption as well as additional income.
<b>Crop / Variety</b>	Improved variety seed and planting materials
<b>Source of Technology (Year)</b>	ICAR , 2005.
<b>Performance indicator</b>	Yield, availability of fruit & vegetables/day/person through planned kitchen garden.(data will be recorded through survey performa)

## FLD No. 08

<b>Title of the techno. demonstrated</b>	Production technology of arhar
<b>Season &amp; Year</b>	Kharif 2013
<b>Problem</b>	Local variety and poor nutrient management
<b>Farmer's Practice</b>	Local variety and poor nutrient management
<b>Thematic area</b>	Integrated Crop Management
<b>Details of technology</b>	Improved variety, planting 60x20cm, fertilizer 20:50:20 NPK kg/ha
<b>Crop / Variety</b>	Rajiv Lochan
<b>Source of Technology (Year)</b>	IGKV, Raipur
<b>Performance indicator</b>	Yield, B:C ratio

## FLD No. 09

<b>Title of the techno. demonstrated</b>	Production technology of Mustard
<b>Season &amp; Year</b>	Rabi 2013
<b>Problem</b>	Improved variety is not available and poor nutrient management
<b>Farmer's Practice</b>	Improved variety is not available and poor nutrient management
<b>Thematic area</b>	Integrated Crop Management
<b>Details of technology</b>	Improved variety Pusa Jai Kisan, planting 45x20cm , fertilizer 100:60:40 NPK kg/ha
<b>Crop / Variety</b>	Pusa Jai Kisan
<b>Source of Technology (Year)</b>	IGKV, Raipur
<b>Performance indicator</b>	Yield, B:C ratio

## FLD No. 10

<b>Title of the techno. demonstrated</b>	Varietal performance of Potato
<b>Season &amp; Year</b>	Rabi 2013
<b>Problem</b>	Improved variety is not available and poor nutrient management
<b>Farmer's Practice</b>	Improved variety is not available and poor nutrient management
<b>Thematic area</b>	Integrated Crop Management
<b>Details of technology</b>	Improved variety, fertilizer 120:80:50 NPK kg/ha, planting at 60X20cm
<b>Crop / Variety</b>	Kufari khyati
<b>Source of Technology (Year)</b>	IGKV, Raipur
<b>Performance indicator</b>	Yield, B:C ratio

## FLD No. 11

<b>Title of the techno. demonstrated</b>	<b>Demonstration of Azolla Cultivation &amp; feeding to animals</b>
<b>Season &amp; Year</b>	2013-14
<b>Problem</b>	Low production
<b>Farmer's Practice</b>	Para Feeding done, No feeding concentrate ration
<b>Thematic area</b>	Livestock Production Management
<b>Details of technology</b>	Spread Polythene sheet, 2kg Cow dung, 30 gm super phosphate, fertile Soil (500gm-1kg), Azolla culture, After every 5days 1kg dung &20 gm single super phosphate,
<b>Crop / Variety</b>	--
<b>Source of Technology (Year)</b>	IGKV, Raipur
<b>Performance indicator</b>	Difference Body wt. of animal , B:C ratio and Feed back

## FLD No. 12

<b>Title</b>	<b>Demonstration of Azolla as a source of protein in poultry</b>
<b>Season &amp; Year</b>	Rabi,2013-14
<b>Problem</b>	Slow growth rate of indigenous breed due to deficiency of protein in feed
<b>Thematic Area</b>	Poultry Production and management
<b>Name of Technology</b>	Use of Azola as poultry feed
<b>Source of Technology</b>	IGKV, RAIPUR (2006)
<b>Farmers Practice (T<sub>1</sub>)</b>	No protein supplementation to birds
<b>Assessed Rec. Practice (T<sub>2</sub>)</b>	Supplementation of 50gm Azolla with normal feed
<b>No. of Trials (Replication)</b>	10
<b>Parameter</b>	Average daily gain, B:C